Our Ref. No.: 42390P11433C Express Mail No. EV339914719US

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:  Eric C. Hannah	Examiner: Williams, Lawrence B
For: A METHOD AND APPARATUS FOR AN ULTRA-WIDEBAND RADIO UTILIZING MEMS FILTERING	) Art Group: 2634 ) ) ) )
Continuation Patent Application of	) )
Application No. 09/895,133	) )
Filed: June 28, 2001	) ) )

### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Mail Stop Patent Application Commissioner for Patents P. O. 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Form PTO-892, Notice of References Cited, indicating a total of 9 U.S. Patent documents identified by the Examiner in the parent application, which is being submitted concurrently with the continuation patent application. A copy of each reference is not submitted herewith. It is respectfully requested that the cited references be considered and that the enclosed copy of Form PTO-892 be initialed by the Examiner to indicate such consideration and a copy thereof returned to Applicants. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

Also enclosed are copies of Information Disclosure Statement by Applicant (Form PTO/SB/08), which are being submitted concurrently with the Continuation patent application. It is respectfully requested that the cited references be considered and that the enclosed copies of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to Applicants. All of the references listed on the enclosed PTO/SB/08 were previously identified in

the parent application (Application No. 10/062,872 filed January 31, 2002) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this Statement is material to patentability.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Dated: January 28, 2004

By:

Joseph Lutz Reg. No. 43,765

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025-1030 (310) 207-3800

#### Notic of R ferences Cited

Application/Control No. 09/895,133		Applicant(s)/Patent I Reexamination HANNAH, ERIC C.	Jnder .
	Examiner	Art Unit	
	Lawrence B Williams	2634 P	age 1 of 1

#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-4,615,040	09-1986	Mojoli et al.	375/267
<u> </u>	В	US-5,677,927	10-1997	Fullerton et al.	375/130
	С	US-3,535,473	10-1970	Name not available	379/406.08
	D	US-6,084,919 A	07-2000	Kleider et al.	375/285
	Е	US-6,480,532 B1	11-2002	Vareljian, Albert	375/222
	F	US-6,185,261 B1	02-2001	Creigh et al.	375/285
	G	US-5,896,420	04-1999	Kaku et al.	375/285
	Н	US-5,659,581	08-1997	Betts et al.	375/296
	ı	US-5,675,644	10-1997	Sih, Gilbert C.	379/406.08
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#### FOREIGN PATENT DOCUMENTS

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#### **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)		
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known			
Application Number	09/895,133		
Filing Date	June 28, 2001		
First Named Inventor	Eric C. Hannah		
Art Unit	2634		
Examiner Name	Lawrence B. Williams		
Attorney Docket Number	42390P11433		

		Document Number		ENT DOCUMENTS	
Examiner Initials*	Cite No.¹	Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,615,040	09-30-2086	Mojoli et al.	
·		US-5,677,927	10-14-1997	Fullerton et. al.	
		US-2003/0022680 A1	01-30-2003	Shreve	
		US-2002/0168003 A1	11-14-2002	Richards	
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	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document  Pages, Columns, Lines, Where Relevant Passage or Relevant Figures Appe	ar T <sup>6</sup>
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901,04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/895,133					
Filing Date	June 28, 2001				
First Named Inventor	Eric C. Hannah				
Art Unit	2634				
Examiner Name	Lawrence B. Williams				
Attorney Docket Number	42390P11433				

	OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	÷	PCT Written Opinion mailed 29 July 2003 for related pending PCT App. No. PCT/US02/19644		
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Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003. Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute	for form 1449A/PTO			C mplete if Kn wn			
	•			Application Number	097895,133		
INFO	RMATION	DISCLC	SURE	Filing Date	June 28, 2001		
STAT	EMENT BY	ΔPPI I	CANT	First Named Inventor	Eric C. Hannah		
OIAI				Group Art Unit	2171		
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Sheet	1 of		2	Attorney Docket Number	42390P11433		

	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.¹	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)		N	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		3,535,473		Flanagan, et al.	10-20-1970					
		6,238,946		Ziegler	05-29-2001					
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FOREIGN PATENT DOCUMENTS											
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		Office		Kind Code <sup>5</sup> if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	٦٥			
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2		Attorney Docket Number	42390P11433			

	OTHER ART - NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
		PCT International Search Report dated October 11, 2002 (International Application No. PCT/US 02/19644								
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Examiner		Date		· .	•
Signature	·	Considered	j		
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